

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043025.D
 Acq On : 12 Apr 2021 16:01
 Operator : SY/MD
 Sample : M1964-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-4521

Quant Time: Apr 13 05:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	125169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206081	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	202067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105455	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	5.298	113	72734	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	7.906	98	266866	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.639	95	98373	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	

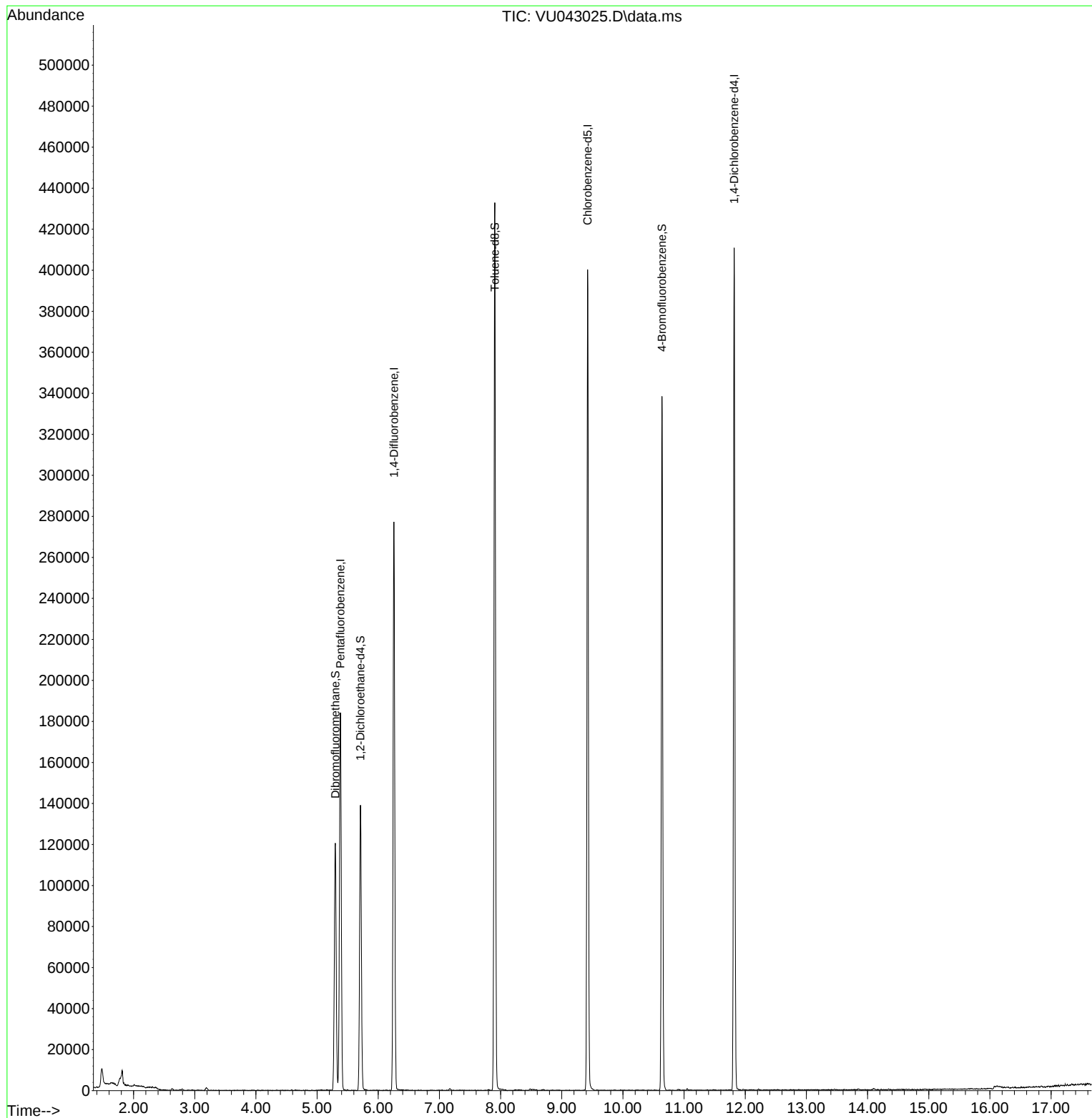
Target Compounds	Qvalue

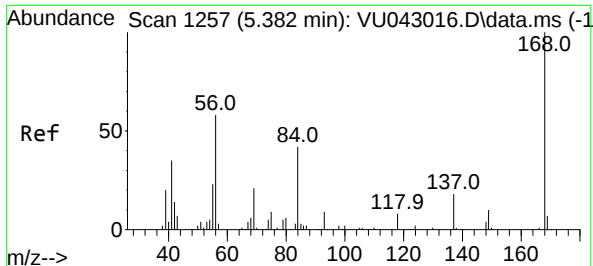
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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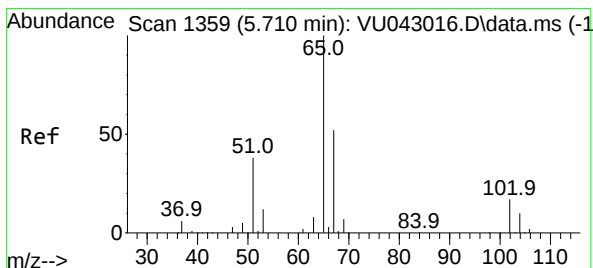
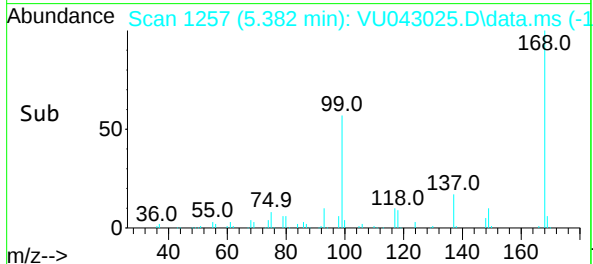
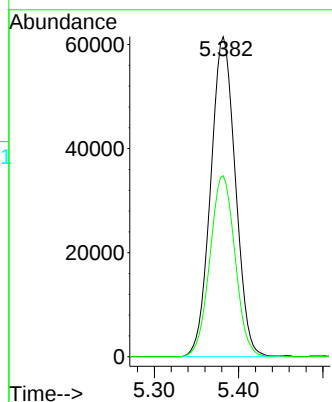
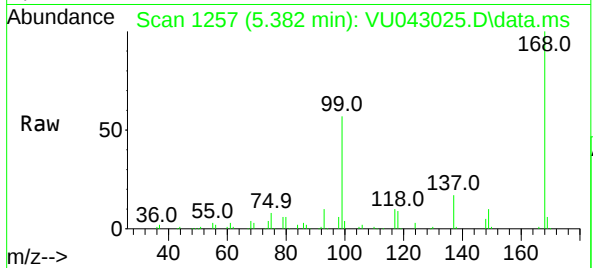




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

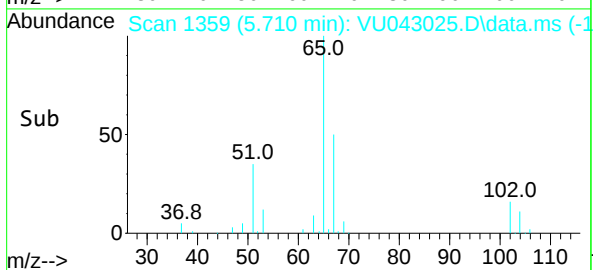
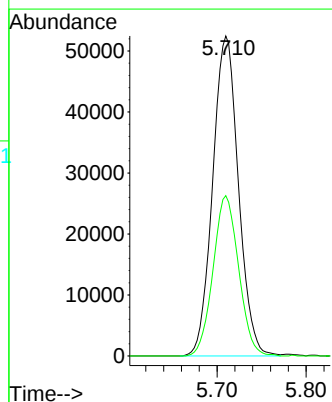
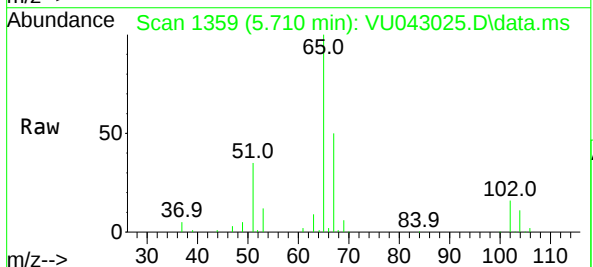
Instrument :
MSVOA_U
ClientSampled :
TB-4521

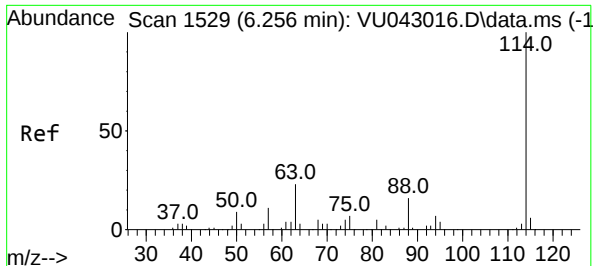
Tgt Ion:168 Resp: 125169
Ion Ratio Lower Upper
168 100
99 56.5 45.0 67.4



#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 65 Resp: 105455
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043025.D

Acq: 12 Apr 2021 16:01

Tgt Ion:114 Resp: 206081

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

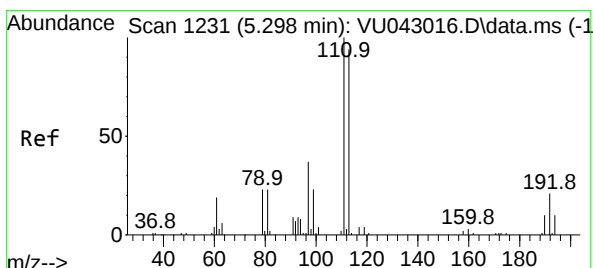
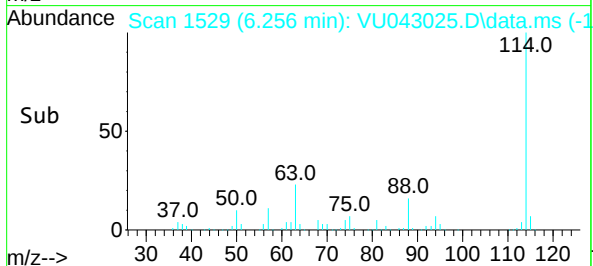
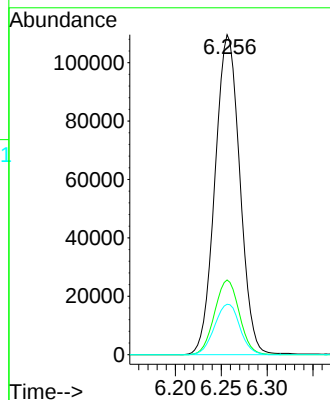
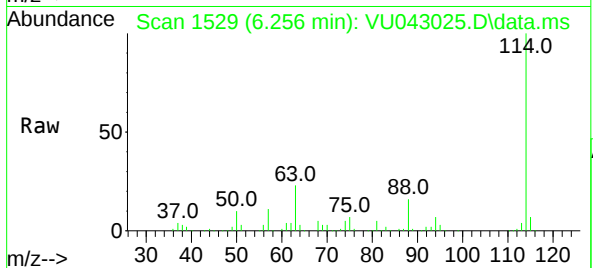
88 15.8 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

TB-4521



#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043025.D

Acq: 12 Apr 2021 16:01

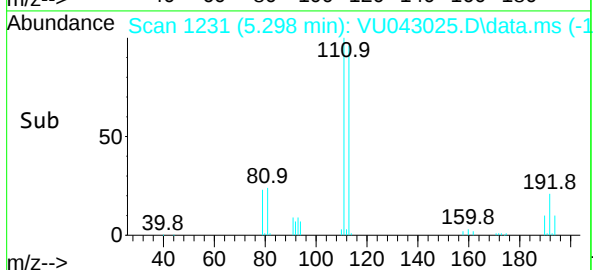
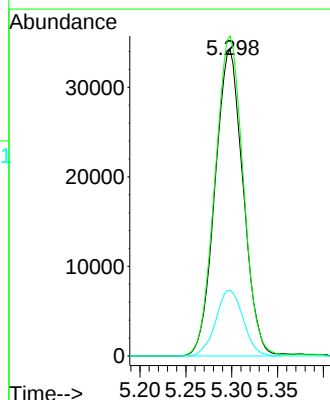
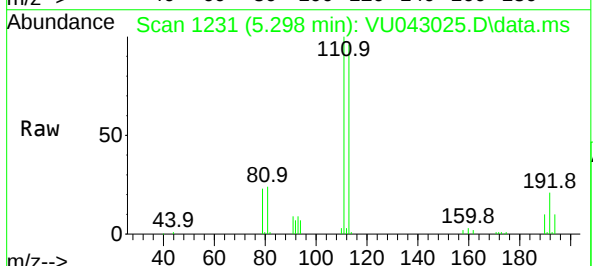
Tgt Ion:113 Resp: 72734

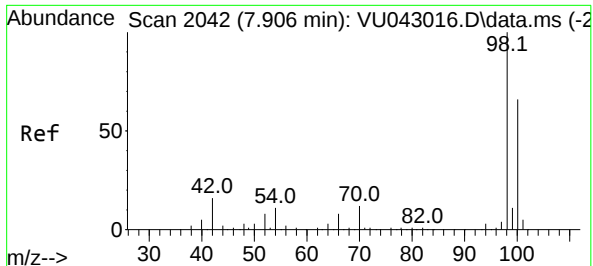
Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.8

192 21.0 17.2 25.8

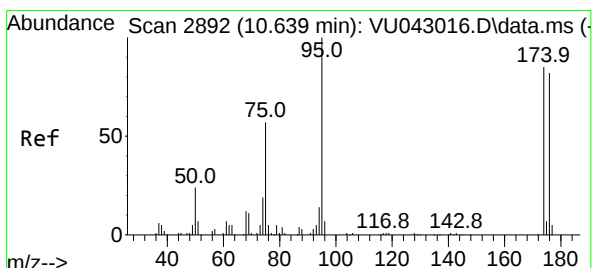
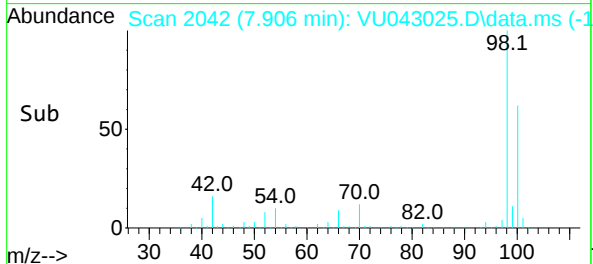
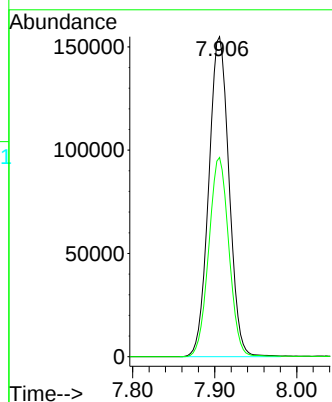
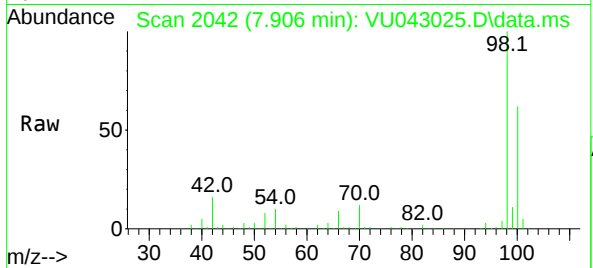




#50
Toluene-d8
Concen: 48.70 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

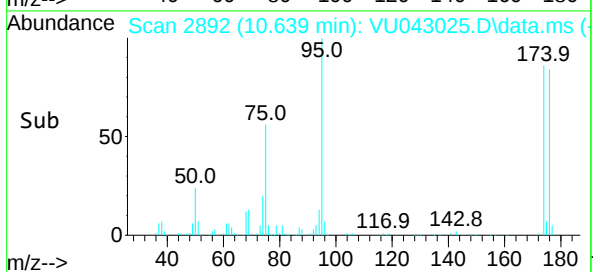
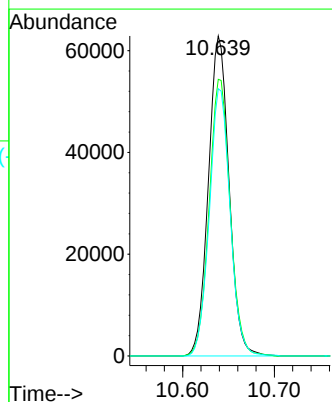
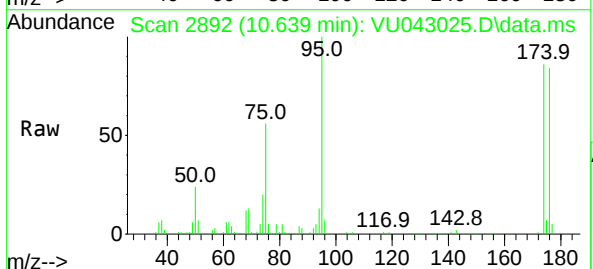
Instrument :
MSVOA_U
ClientSampled :
TB-4521

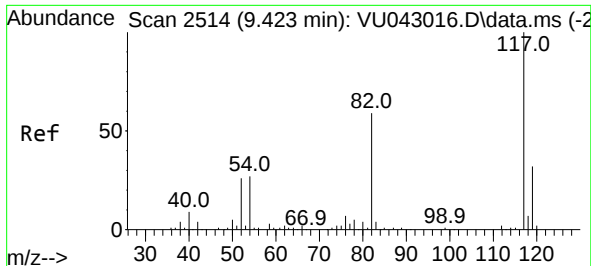
Tgt Ion: 98 Resp: 266866
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 95 Resp: 98373
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 83.8 0.0 168.8

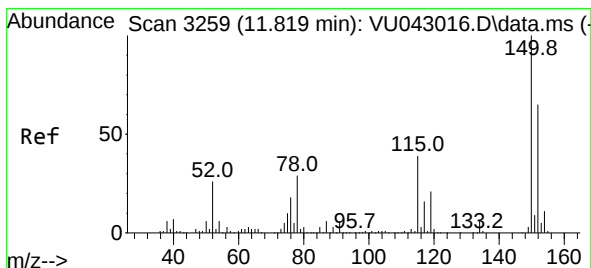
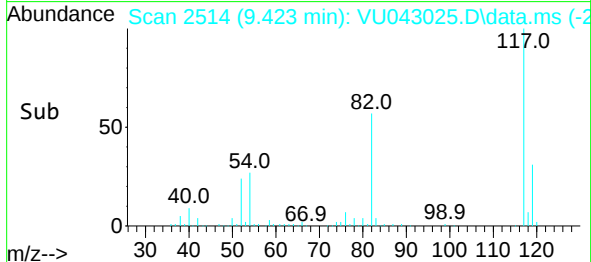
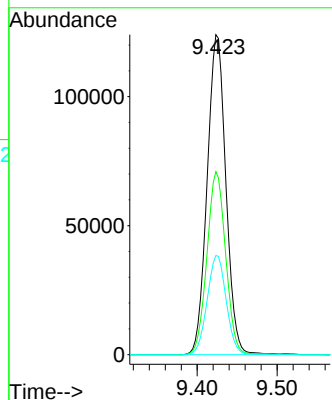
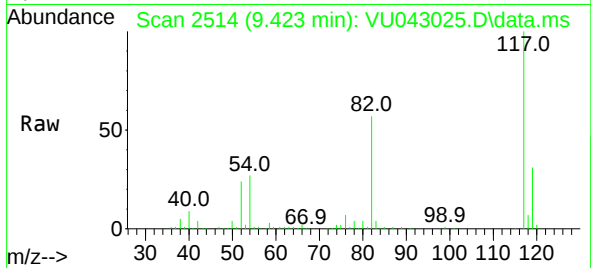




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Instrument :
MSVOA_U
ClientSampleId :
TB-4521

Tgt Ion:117 Resp: 202067
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion:152 Resp: 100722
Ion Ratio Lower Upper
152 100
115 56.9 41.5 124.6
150 154.7 0.0 342.4

